

September 9, 2016

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee  
Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for  
CPC, OPC, and WPC

**Climate Prediction Center**

The following accelerated items were implemented this past week:

None

-----

The following will be implemented the week of September 12, 2016:

None

-----

The following RFCs are in progress:

None

-----

The following NCO RFCs to be implemented the week of September 12, 2016  
may affect CPC:

RFC #2313 - Make a redirect request for CPC. This will affect all web site users. Developers/admins want the CPC website to go from [www-origin.cpc.noaa.gov](http://www-origin.cpc.noaa.gov) to [www.cpc.noaa.gov](http://www.cpc.noaa.gov) to lessen load on the web servers and enable Akamai to do caching better. To be implemented on September 14 at 1400Z.

-----

The following NCO RFCs are in progress and may affect CPC:

None

-----  
The following NCO RFCs which may affect CPC were delayed:

RFC #2248 - Modify the Dataflow mirror utility on NCOSRV to bring in additional NESDIS data (burn files and Arctic images) at the request of CPC and WPC. Was to be implemented on August 25 at 1400Z; postponed to September 6 at 1400Z due to CWD; now on hold due to an issue NESDIS had in populating the DDS with the new data. New implementation date is TBD.

-----  
**Ocean Prediction Center**

The following accelerated items were implemented this past week:

None

-----  
The following will be implemented the week of September 12, 2016:

RFC #730 – ‘GRtofs\_webnew.csh’ v2016.08.29 – For the Global RTOFS Currents and SST Image script, update the working directory to use an original date-stamped directory each day and remove soft links for the source data. Send the working directory to the Matlab scripts that create images and update source directories in the Matlab scripts. Add a check for completion of images. To be implemented on September 12 at 1330Z.

-----  
The following RFCs are in progress:

None

-----  
The following NCO RFCs to be implemented the week of September 12, 2016 may affect OPC:

RFC #2242 - Update NDFDv2 for digital.weather.gov. This is a fix for an issue where the operational NDFD display web page at <http://digital.weather.gov> and the NIDS e-staging web page at <http://preview.weather.gov/graphical/> are not updating with current NDFD forecast guidance images and data. This includes a fix for a mismatch between the legends and mouse rollover values for ApparentT.

Was to be implemented on August 23 at 1400Z; postponed to September 6 at 1400Z due to CWD; postponed again to September 13 at 1400Z due to CWD.

RFC #2299 – Update the NAVO restart mirror package on WCOSS to pull in Arctic restart files for the parallel Global RTOFS model runs. To be implemented beginning September 12 at 1300Z and should be completed by September 14.

-----

The following NCO RFCs are in progress and may affect OPC:

None

-----

The following NCO RFCs which may affect OPC were delayed:

RFC #2240 – product processor v1.1.0 - The production product parser for forecast.weather.gov is currently ignoring products that are corrections. This is a bug fix so that WWA (Watches/Warning/Advisory) corrections (COR) will show up on forecast.weather.gov. Was to be implemented on August 23 at 1400Z; postponed to September 7 at 1400Z due to CWD; postponed again to September 26 at 1400Z due to developer availability.

-----

### **Weather Prediction Center**

The following accelerated items were implemented this past week:

None

-----

The following will be implemented the week of September 12, 2016:

None

-----

The following RFCs are in progress:

RFC #708 - The Day 4-7 Winter Weather scripts will be upgraded. The cron scripts which run on the Compute Farm and the interactive scripts run by WPC forecasters will be altered to synchronize times stamps for NDFD delivery. Code will also be added to the interactive script run by the forecasters to convert grid

files to grib2, and disseminate via DBNET Alert to NCO-Silver Spring. Implementation began on August 18 at 1600Z and was scheduled to be completed by September 1; new completion date is September 22.

RFC #719 - WPC Winter Weather Desk Scripts wwx\_md1.sh, wwx\_ecens.sh v2016.08.22 - Upgrade the WPC winter weather ensemble to: 1.) add all 21 GEFS ensemble members at half-degree resolution; 2.) add ARW and NMMB high-resolution window runs; and 3.) improve the freezing rain ice liquid ratio using the Freezing Rain Accumulation Model (FRAM). The winter weather ensemble is used to generate WPC's probabilistic winter weather products and probabilistic QPF products. Was to be implemented on August 22 at 1300Z ; delayed to September 12 at 1300Z to allow for adjustments to be made to the new script and allow for additional testing. This should be completed by September 23.

RFC #720 - WPC Winter Weather Desk Scripts v2016.08.24 - Upgrade scripts used by WPC's winter weather desk to: 1.) improve ice liquid ratio calculations using the Freezing Rain Accumulation Model; and 2.) include generation and dissemination of GRIB2 files containing the standard deviations of WPC's probabilistic snow and ice forecasts. Implementation began on August 24 at 1300Z and should be completed by September 14 at 1300Z.

-----  
The following NCO RFCs to be implemented the week of September 12, 2016 may affect WPC:

RFC #2242 - Update NDFDv2 for digital.weather.gov. This is a fix for an issue where the operational NDFD display web page at <http://digital.weather.gov> and the NIDS e-staging web page at <http://preview.weather.gov/graphical/> are not updating with current NDFD forecast guidance images and data. This includes a fix for a mismatch between the legends and mouse rollover values for ApparentT. Was to be implemented on August 23 at 1400Z; postponed to September 6 at 1400Z due to CWD; postponed again to September 13 at 1400Z due to CWD.

-----  
The following NCO RFCs are in progress and may affect WPC:

None

-----  
The following NCO RFCs which may affect WPC were delayed:

RFC #2240 – product processor v1.1.0 - The production product parser for forecast.weather.gov is currently ignoring products that are corrections. This is a

bug fix so that WWA (Watches/Warning/Advisory) corrections (COR) will show up on forecast.weather.gov. Was to be implemented on August 23 at 1400Z; postponed to September 7 at 1400Z due to CWD; postponed again to September 26 at 1400Z due to developer availability.

RFC #2248 - Modify the Dataflow mirror utility on NCOSRV to bring in additional NESDIS data (burn files and Arctic images) at the request of CPC and WPC. Was to be implemented on August 25 at 1400Z; postponed to September 6 at 1400Z due to CWD; now on hold due to an issue NESDIS had in populating the DDS with the new data. New implementation date is TBD.

-----

Please note that security-related RFCs are never listed in the RFC memo.

-----

---- OPERATIONAL ANNOUNCEMENTS ----

The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.

Users who wish to view their network utilization via the Scrutinizer appliance may request access from NCO/IWSB. Please send an account request to the NCWCP Helpdesk at [NCWCP.helpdesk@noaa.gov](mailto:NCWCP.helpdesk@noaa.gov).